MINISTRY OF AGRICULTURE, RURAL DEVELOPMENT AND ENVIRONMENT DEPARTMENT OF METEOROLOGY CY-1418 NICOSIA

16 June 2025

MONTHLY WEATHER REPORT

THE WEATHER IN MAY 2025

<u>General Weather Conditions</u>: The weather in May was relatively warm and relatively dry for the month. Unstable weather conditions occurred during the periods 1-4, 13-14 and 29-31 of the month and caused local showers and hailstorms in several areas of Cyprus. The average temperature for the month was 1.4 °C above normal and the average monthly precipitation was 16.3mm or 83% of normal.

Severe Weather conditions: On the 3rd of the month, heavy rainfall was recorded in various areas, causing roads flooding locally (Paralimni). Hail was also recorded in Troodos. On the 4th of the month, hail was recorded in various areas of inland and local heavy rainfall caused flooded roads (Engomi, Archangelos, Strovolos). A funnel cloud was observed at the station in Athalassa. The bad weather caused problems in the road network and electricity supply and serious damage to crops, mainly in Paphos. On the 14th of the month, heavy rainfall, local thunderstorms and heavy hail were recorded in various areas of Cyprus, with the most unstable weather in the mountains and inland. On the 29th of the month, rain and thunderstorms mainly affected the eastern half of the island. Hail was reported (Aglantzia, Pallouriotissa) and a tornado was reported in Kalo Chorio, Larnaca. Small fires were recorded during the month.

<u>Precipitation (normal period: 1961-1990):</u> According to preliminary estimations the area average precipitation in May was 16.3mm i.e. 83% of normal. Monthly precipitation ranged between 10% (Kourris) to 240% (Pano Polemidia) of normal.

The cumulative area average precipitation during the period October 2024 – May 2025 was about 308.6mm i.e. 63% of normal. The cumulative precipitation was below normal and ranged from 40% (Kaminaria) to 91% (Germasogia Dam) of normal.

Hail was recorded on the 2nd, 3rd, 4th (Troodos), on the 4th (Troodos, Prodromos, Pedoulas, Archangelos, Lakatamia, Engomi, Strovolos, Makedonitissa, Ag. Dometios, Dali area, Statos -Ag. Fotios, Arsos Limassol) on the 14th (Strovolos, Palaichori, Askas, Prodromos, Troodos, Agros, Kalo Chorio Limassol, Louvara area, Odou, Alona, Dali, Lakatamia, Strovolos, Aglantzia) and on the 29th (Aglantzia and Palouriotissa) of the month.

Temperature (normal period: 1981-2010): The mean temperature for the month was 1.4 °C above normal levels. The mean daily temperatures were below normal (by 1.0-4.6 °C) on 1-4, 16, 19-21 and 28-31 of the month, while during the rest of the month they were above or around normal (by 1.0-5.0 °C). Considerably higher than normal daily temperatures were recorded during the period 8-12, 17 and 22-26 of the month, where the maximum temperatures inland and in the mountainous areas were up to 5-10°C above normal. Considerably lower than normal daily temperatures were recorded during the period 1-3 and 29-31 of the month, where the maximum temperatures mainly inland and over the mountains dropped 4-7 °C below normal. Maximum temperatures in Athalassa and Larnaca exceeded 28 °C and 26 °C on 23 and 20 occasions respectively, in Paphos they exceeded 24 °C on 23 occasions, while in Prodromos they exceeded 20 °C on 20 occasions. The reference stations recorded their highest maximum temperature on the 11th, 22nd and 25th-26th of the month and the lowest minimum temperature on the 2nd, 4th and 6th of the month.

The 5-day averages of air temperature and their deviations from normal at various places are shown in Table 1 and the extreme temperatures are shown in Table 2.

MAY 2025 FIVE-DAY TEMPERATURES AND DEVIATIONS FROM NORMAL (° C) PRELIMINARY DATA Table 1 **MEAN DAILY MAXIMUM ATHALASSA** LARNAKA AIRPORT PAFOS AIRPORT **PRODROMOS STATION** MEAN DEV. **DATES** ACTUAL DEV. ACTUAL DEV. **ACTUAL** DEV. **ACTUAL** DEV. 1--5 25 -2 24 0 23 0 14 -3 -1 6--10 33 28 25 25 5 3 6 1 4 11--15 31 29 2 2 2 1 26 22 2 16--20 30 0 27 1 25 0 24 3 21--25 36 5 30 3 3 4 28 26 4 -1 0 -1 26-31 31 28 26 0 22 0 **MONTH** 31.1 1.5 27.8 1.3 25.6 1.1 22.2 1.8 **MEAN DAILY MINIMUM ATHALASSA** LARNAKA AIRPORT PAFOS AIRPORT **PRODROMOS STATION** MEAN DEV. **ACTUAL ACTUAL ACTUAL ACTUAL DATES** DEV. DEV. DEV. DEV. 1--5 12 -1 14 1 14 2 -3 5 0 6--10 14 0 15 1 16 1 13 4 1 11--15 16 2 17 2 18 4 12 1 16--20 15 0 18 2 17 2 13 1 1 21--25 17 2 18 17 15 3 1 2 2 26-31 16 -1 18 1 19 2 12 -1 0 MONTH 15.2 16.7 1.0 16.8 2.1 0.4 11.5 0.7 1.1 Normal Period for Temperature = 1981 - 2010 Table 2 **EXTREME TEMPERATURES** LARNAKA AIRPORT PAFOS AIRPORT **PRODROMOS ATHALASSA STATION** (°C) (°C) (°C) (°C) **DATE** DATE DATE **TEMPERAT** DATE **HIGHEST** 39.0 25 34.6 11 31.3 11 28.8 26 **MAXIMUM LOWEST** 10.6 4 13.1 2 13.3 6 4.0 4 MINIMUM